



**Colorado VW Diesel Emission Mitigation Program
 Semiannual Report**

Lead Agency	Colorado Department of Health and Environment
Partner Agency	Regional Air Quality Council and Colorado Energy Office
Eligible Mitigation Action	ZEV Supply Program
Beneficiary Project ID	ZEV (9Z18D)
Reporting Period	January 1 – June 30, 2020

Agency Budget – Regional Air Quality Council						
Funding Request No.	Total Funds Obligated	Total Funds Expended to-date	Equipment Expenditure Obligated	Equipment Expenditure Billed to-date	Administrative Expenditure Obligated	Administrative Expenditure Billed to-date
1.	\$10,299,203	*\$1,419,621	\$9,275,000	*\$1,103,390	\$1,024,203	\$316,230.98
<p>*A correction was made to the Total funds expended and Administrative funds expended from the July-January 2019 Semi-Annual report. The difference in funds reported on the previous semi-annual report were obligated funds and have not yet been reimbursed.</p> <p>Notes: One D4 certificate was submitted for the total program costs of \$10,299,203 under funding request No. 1, a subsequent Attachment A forms are submitted for ongoing funding requests.</p>						

Mitigation Action 9: Electric Vehicle Supply Equipment

This semiannual report documents the progress and implementation for installing Level 2 and DC Fast Charging (DCFC) stations throughout the state of Colorado. The first draw down of funds includes projects and administrative costs for community and corridor charging stations. Funds



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for the corridor charging stations are awarded through the program Alt Fuels Colorado, and awards for community charging stations are awarded through the program Charge Ahead Colorado.

Charge Ahead Colorado – community-based Level II and DC fast-charging stations

Summary of Activities

- Funding rounds
 - CEO staff issued awards and purchase orders for the February 2020 applicants. The “Awards Issued” chart below has been updated to include new awards since January 2020.
 - RAQC staff have issued awards through March 2020. The chart below has been updated to reflect new awards since the last semi-annual report as well as status updates on previously awarded projects. Due to the current circumstances around COVID-19, a number of projects experienced or are experience budgetary or other project delays.
 - The evaluation committee met to discuss program changes for the January funding period. The evaluation team has reviewed June 2020 applications with award decisions forthcoming.
- RFA modifications
 - CEO and RAQC staff worked to make updates to the program and application based on feedback from the evaluation committee. All of the updated application materials are available at <https://cleanairfleets.org/programs/charge-ahead-colorado>
- Web updates
 - RAQC and CEO continue to update the website for each funding round at <https://cleanairfleets.org/programs/charge-ahead-colorado>
- Outreach materials
 - CEO has not developed any formal outreach materials. Previous materials are still located at <https://cleanairfleets.org/programs/charge-ahead-colorado>
 - RAQC and CEO staff participated in various outreach webinars from March through June 2020 to educate interested parties in numerous aspects of EV charging projects and to raise awareness about Charge Ahead Colorado.

Charge Ahead Colorado – community-based Level II and DC fast-charging stations

Awards Issued – Projects in Construction – VW Fund



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Name	EVSE	Number	Award Total	Site Address	Estimated Completion Date	Estimated CDPHE Invoice Date
PRDY,LLC	L2	3	\$27,000	750 Main Street, Grand Junction, CO	8/31/20	9/30/20
City of Creede	DCFC	1	\$35,000	904 S Main St. Creede, CO	8/31/20	9/31/20
595 Columbia LLC	L2, DCFC	1 L2, 1 DCFC	\$39,000	595 Columbia Avenue, Del Norte, CO, 81132	Amended to: 9/30/20	10/31/20
Yampa Valley Electric Association	DCFC	1	\$30,000	Travel Lodge, 98 Moffatt Ave, Yampa, CO	Amended to: 10/31/20	11/30/20
Town of Avon	DCFC	1	\$30,000	220 Beaver Creek Place, Avon, CO 81620	Amended to: 9/30/20	10/31/20
La Plata Electric Association	L2	1	\$9,000	Bayfield Town Hall at 1199 Bayfield Pkwy, Bayfield, CO, 81122	Amended to: 9/30/20	10/31/20
City of Pueblo	L2	3	\$27,000	City Transit Center located at the Fred Weisbrod Parking Facility, 227 Court St, Pueblo, CO 81003, the City Municipal Campus located at the Pueblo Municipal Campus, 118 South Main Street, Pueblo, CO 81003, and at the City Union Depot located at the at the City of Pueblo Rio Grande Freight Station, 301 W B St. Pueblo, CO 81003.	Amended to: 8/31/20	9/30/20



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County of Montezuma	L2	1	\$9,000	Montezuma County Fairgrounds located at 30100 Hwy 160, Cortez,	Amended to: 9/30/2020	10/31/2020
Glenwood Hot Springs Lodge and Pool	L2	2	\$18,000	Glenwood Hot Springs Lodge & Pool, 401 N River Street, Glenwood Springs, CO 81601	5/31/20	6/30/20
Grand Mesa, Uncompaghere and Gunnison National Forests	L2	1	\$9,000	Grand Mesa Visitors Center located at 20090 Baron Lake Road, Cedaredge, CO 81413.	Amended to: 9/30/20	10/31/20
Joyful Journey Hot Springs Spa	L2	2	\$18,000	28640 County Road 58EE, Moffat, CO, 81143.	Amended to: 9/30/20	10/31/20
Arapahoe Basin Ski Area	L2	1	\$9,000	Arapahoe Basin Ski Area — Early Riser Lot, Dillon, CO 80435	Amended to May 31, 2020	June 30, 2020
Fort Lewis College	L2	2	\$18,000	Sitter Family Hall, Fort Lewis College, 1000 Rim Drive, Durango, CO 81301	Amended to: August 31, 2020	September 30, 2020
Powder-Copper LLC	L2	2	\$18,000	Alpine Parking Lot, 49 Copper Road, Copper Mountain, CO 80443	Amended to: August 31, 2020	September 30, 2020
Summit County Government	L2	4	\$36,000	Frisco Transit Center, 110 Meadow Drive, Frisco, CO 80443 County Commons Building, 37 Peak One Drive, Frisco, CO 80443	Amended to: August 31, 2020	September 30, 2020



Town of Fraser	DCFC	1	\$30,000	Headwaters Trail Alliance Parking Lot, 120 Zerex Street, Fraser, CO 80442	Amended to 12/31/2020	January 31, 2021
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Station Completions – VW Fund

Name	EVSE	Number	Award Total	Site Address
Grand Valley Power ¹	L2	1	\$9,000	845 22 Road, Grand Junction, CO
The Group ²	L2	1	\$9,000	2803 East Harmony Road, Fort Collins, CO
Gunnison County Electric Association ³	DCFC	2	\$60,000	306 Maroon Ave, Crested Butte, Colorado and 100 Bluff Street, Lake City, Colorado
Eagle County Government ⁴	DCFC	1	\$11,000	Eagle County Regional Airport
RDP Acquisition Company	L2	1	\$9,000	Clear Creek Cabins, 7362 US Highway 40, Empire, CO 80444
Colorado Springs Airport	L2	1	\$9,000 \$8,475 was 80% of costs	Colorado Springs Airport valet parking lot, 2420 Peak Innovation Parkway, Colorado Springs, CO 80916
City of Cortez	L2	1	\$9,000	Colorado Welcome Center, 928 Main Street, Cortez, CO 81321
Aspen School District	L2	1	\$9,000	Aspen High School Parking Lot, 0235 High School Road, Aspen, CO 81611

¹ new
² new
³ new
⁴ new



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Old Stage LLC	L2	1	\$9,000	Chaffee County Road 105 at the confluence of the Arkansas and South Arkansas Rivers, Salida, CO
Montgomerys General Merchandise	L2	1	\$9,000 \$8,200.30 was 80% of costs	24 Main, Yampa, CO 80493.
Town of Kersey	L2	1	\$9,000	Kersey Town Hall located at 446 1st Street, Kersey, CO, 80644.
Woody Ventures LLC	L2	1	\$9,000	The Tree Farm PUD located at 401 Tree Farm Drive, Carbondale, CO, 81623
Surface Creek Valley Historical Society	L2	1	\$9,000 \$8,134.02 was 80% of costs	the Pioneer Town Museum parking lot at 388 South Grand Mesa Drive in Cedaredge, Colorado
Town of Silt	L2	1	\$9,000	111 South 7th Street, Silt, CO, 81652
Southeast Colorado Power Association	L2	2	\$18,000	One L2: SECPA's headquarters at 27850 Harris Road in La Junta, CO 81050, and the other will be installed at the Holiday Inn Express at 27994 US HWY 50 in La Junta, CO 81050.
Town of Winter Park	L2	1	\$9,000	Winter Park North Parking Garage, 200 Baker Drive, Winter Park, CO 80482
San Isabel Electric Association	L2	1	\$9,000	1930 Main Street, Trinidad, CO, 81082.
City of Grand Junction	L2	2	\$18,000	Las Colonias Park Amphitheater at 925 Struthers Ave, Grand Junction, CO 81501 and at the Las Colonias Park Plaza located in Grand Junction, CO 81501.



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City of Glenwood Springs	L2	3	\$27,000	One L2: Downtown parking garage located at 9th Street and Cooper Avenue, Glenwood Springs, CO 81601. Two L2s: City Hall located at 101 8th Street, Glenwood Springs, CO, 81601, and at a popular local sporting location, Sayre Park.
Beaver Creek Mountain	L2	1	\$9,000 \$8,223.24 was 80% of costs	Ford Hall Parking Garage, Beaver Creek Resort, 18 Elk Track Rd, Avon, CO 81620
Riverwalk at Edwards POA	L2, DCFC	1 L2, 1 DCFC	\$39,000	L2: 28 Second Street, Edwards, CO, 81632; DCFC: 1st Street & Hwy 6, Edwards, CO, 81632
Town of Carbondale	DCFC	1 DCFC	\$30,000	944 Cowen Drive, Carbondale, CO
Roaring Fork Transportation Authority	L2	2 L2	\$18,000 \$12,379.20 was 80% of costs	Carbondale Park & Ride, New Castle Park & Ride
Town of New Castle	L2	1	\$9,000	Kamm Lot, 657 W. Main Street, New Castle, CO 81647
Larimer County	L2	1	\$9,000	200 Peridot Avenue, Loveland, CO 80537
CO State University	L2	2	\$18,000	Laurel Village, 900 West Plum Street, Fort Collins, Colorado 80523
Centerra Metropolitan District No. 1	L2	3	\$27,000 \$24,328.69 was 80% of project costs	Parcel 206 Public Parking Lot, Lot 6, Block 1, Millennium NW 8th Subdivision, Amended Plat No. 1, Loveland, CO, 80538



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Feather Petroleum Company	1 L2 1 DCFC	2	\$39,000	723 Horizon Drive, Grand Junction, CO 81506
Greeley Nissan	DCFC	1	\$30,000	2625 35th Avenue in Greeley, Colorado, 80634
City of Salida	L2	3	\$27,000	Centennial Park, Holman Ave & Hwy 50, Salida, CO 81201; Public Parking Lot, 3rd Street between I Street, Salida, CO 81201; Riverside Park, 210 East Sackett Ave, Salida, CO 81201
Springs Inn	L2	1	\$9,000	Springs Inn, 9856 Federal Drive, Colorado Springs, CO 80921
Atlasta Solar Center	DCFC	1	\$30,000	South Central Portion of parking Lot on the intersection of W. 3 rd St. and Palmer St., Delta, CO 81416
Ross Montessori School	L2	1	\$9,000	109 Lewies Lane, Carbondale, CO 81623
Main Street Management	L2	2	\$18,000	Springhill Suites by Marriott, 236 Main Street, Grand Junction, CO 81501; Tru by Hilton, 243 Colorado Avenue, Grand Junction, CO 81501
Alpine Bank	25kW DCFC multiple connection standard.	1	\$9,000	1901 Pine Grove Road #101, Steamboat Springs, CO 80487
Colorado Gators Reptile Park	L2	1	\$9,000	Colorado Gators, 9162 CR 9N, Mosca, CO 81146
Purple Mountain Hospitality	L2	1	\$9,000	722 Country Dr., Woodland Park, CO 80863
Harmony 23	L2	3	\$27,000	The Wyatt Apartments, 4701 Strauss Cabin Rd, Fort Collins, CO 80528



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White River Electric Association	1 L2 1 DCFC	2	\$39,000	Bank of the San Juans, 5th & Market St (Hwy 13) Meeker, CO 81641
City of Woodland Park	L2	1	\$9,000	Bergstrom Park, 221 S Center Street, Woodland Park, CO 80866
The Smiley Building	L2	2	\$17,746.59	The Smiley Building, 1309 East 3 rd Ave, Durango, CO 81301
Walking Mountains Science Center	L2	1	\$9,000	Center for Sustainability, 318 Walking Mountains Lane, PO Box 9469, Avon, CO 81620
Timnath Trail	L2	2	\$18,000	Timnath Trail at Riverbend, 4801 Signal Tree Drive, Fort Collins, CO 80547
Gunnison County Electric Association	L2.	1	\$9,000	L2: General Store, 204 9th St., Pitkin, CO 81241
Yampa Valley Electric Association	L2	2	\$18,000	YVEA Corporate Campus, 2211 Elk River Road, Steamboat Springs, CO 80487; YVEA Craig Campus, 3715 US-40, Craig, CO, 81625
Embassy Suites Hilton CO Springs	L2	1	\$9,000	7290 Commerce Center Drive, Colorado Springs, CO 80919
Traer Creek Plaza	L2	2	\$18,000	Traer Creek Plaza, 0101 Fawcett Road, Avon, CO 81620
Town of Basalt	DCFC	1	\$30,000	101 Midland Avenue, Basalt, CO 81621
Eagle County	DCFC	1	\$30,000	Eagle Park and Ride, 100 Fairgrounds Rd, Eagle, CO 81631
First Southwest Bank	L2	1	\$9,000	720 Main Street, Alamosa, CO 81101
Colorado State University	L2	3	\$27,000	Spruce Hall (South Mason and Old Main), Rockwell Hall (501 West Laurel St.), Semester at Sea (2243 Centre Ave), Fort Collins, CO 80523



Atlasta Solar	L2 (25kW)	1	\$9,000	236 Maine Ave, Paonia, CO 81428
Breckenridge Grand Vacations (Peak 8 Properties)	L2	1	\$8,858.49	Building 3 Garage, 1627 Ski Hill Road, Breckenridge, CO 80424

*Staff currently reviewing final reports

ALT Fuels Colorado – corridor-based DC fast-charging stations

- Interagency agreement amendments between CEO/CDPHE as well as CEO/CDOT were executed in December 2019. Staff is now working with ChargePoint to amend our Grant Agreement to include the two-phase solution.
- At this time, the schedule is still on track for CP250 stations to begin coming online by June 2020. We are meeting with ChargePoint in January 2020 to discuss the schedule and any changes that may be needed for certain sites. At this time, we anticipate that we will not receive invoices for the corridor program until June/July 2020.

DCFC Plazas

- CEO staff met with numerous industry stakeholders to discuss the design of the program.
- CEO drafted a 2 page overview of the program and its objectives.
- CEO plans to begin drafting the RFA in January/February 2020 and anticipates releasing the RFA in March.

Charge Ahead Colorado – community-based Level II and DC fast-charging stations

Awards Issued by the Regional Air Quality Council from January 2020 through June 2020.

Name	EVSE	Number	Award Total	Site Address	Estimated Completion Date	Estimated CDPHE Invoice Date
Centennial Realty Advisors	L2	1	\$9,000	1800 Grant St. Denver, CO 80203	10/1/2020	12/30/2020



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Golden Automotive Group	L2	2	\$18,000	15601 W. Colfax Ave. Golden, CO 80401	10/1/2020	12/30/2020
LBA Realty / CBRE	L2	1	\$9,000	1600 Broadway Denver, CO 80202	10/1/2020	12/30/2020
Mckinstry Essention LLC	L2	1	\$9,000	16025 Table Mountain Pkwy. Golden, CO 80403	10/1/2020	12/30/2020
Mountain Rising Development	L2	4	\$36,000	27181 Main St. Conifer, CO 80433	10/1/2020	12/30/2020
Orbesehc Industrial LLC	L2	2	\$18,000	2010 21 st St. Boulder, CO 80302	10/1/2020	12/30/2020
Stout Street Lodging	L2	1	\$9,000	801 15 th St. Denver, CO 80202	10/1/2020	12/30/2020
Summit Middle Charter School	L2	1	\$9,000	4655 Hanover Ave. Boulder, CO 80305	10/1/2020	12/30/2020
Westerra Credit Union	L2	3	\$27,000	3700 East Alameda Ave. Denver, CO 80209	10/1/2020	12/30/2020

Previously Awarded Project Status Update

Awarded Projects to Date – Regional Air Quality Council					
Project Name	Equipment Type	Number	Total funds Budgeted	Total funds Expended	Status and Estimated Completion Date
A-Lodge	L2	1	\$9,000	\$6,111.10	Project completed and invoice April 2020.
Arapahoe Spirits	L2	2	\$18,000		Stations installed. Awaiting reimbursement materials. Expected 8/30/2020
CBRE	L2	2	\$18,000		In process. Estimated completion by 10/31/2020



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Eldora Mountain Resort	L2	2	\$18,000		Stations remain planned. Currently on hold due to COVID-19.
Grand Monarch Partners	L2	1	\$9,000		Stations installed. Awaiting reimbursement materials. Expected 8/30/2020
McWhinney	L2	1	\$9,000	\$9,000	Station installed. Submitted for reimbursement December 2019.
NAVA Real Estate Development	L2	2	\$18,000		Stations installed. Awaiting reimbursement materials. Expected 8/30/2020
Parkside Aurora LLC	L2	2	\$18,000		Station installation underway. Anticipated reimbursement request by 8/30/2020
TR Park Central LLC	L2	2	\$9,000	\$9,000	Station completed. Submitted for reimbursement December 2019.
A&M 651 Corporate Circle Owner LLC.	L2	2	\$18,000		Stations remain planned. Currently on hold due to COVID-19.
Confluence Builders	L2	3	\$27,000		Station installation underway. Anticipated close out by 9/30/2020
Discovery Church	L2	1	\$9,000		Station installation underway. Anticipated close out by 9/30/2020.
Healthcare Realty	L2	1	\$9,000	\$9,000	Stations completed. Submitted for reimbursement in May 2020.
Hyatt Regency Denver Convention Center	L2	2	\$18,000		In process. Estimated completion by 10/31/2020.
Specialized Bicycle Components Inc.	L2	1	\$9,000		Delayed due to contemplating expanding the project. In process.
Tower Hotel	L2	1	\$9,000		Stations installed. Anticipated submittal in July 2020.
Town of Erie	L2	7	\$63,000		Stations currently being installed at various locations around Erie.



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Adams County	EVSE – L2	3	\$27,000	\$27,000	Stations awarded June 2018. Completed. Submitted for reimbursement September 2019.
Boulder Valley School District	EVSE – L2	6	\$54,000	\$54,000	Stations awarded June 2018. Completed August 2019. Submitted for reimbursement August 2019.
Catalyst RiNo	EVSE – L2	2	\$18,000	\$18,000	Submitted for reimbursement July 2019.
Colorado Dept. of Agriculture	EVSE – L2	2	\$18,000	\$18,000	Stations awarded in June 2018. Submitted for reimbursement May 2019.
EVO Rock	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in June 2018. Submitted for reimbursement in January 2019.
Conscience Bay Company	EVSE – L2				Stations awarded in December 2018. Encountered flood plain permitting issues which are currently being worked through.
Jefferson County Facilities Management	EVSE – L2	2	\$18,000	\$18,000	Stations awarded in December 2018. Completed. Submitted for reimbursement September 2019.
The Monroe Group	EVSE – L2	2	\$18,000		Stations awarded in December 2018. Encountered electrical issues which are currently being worked through.
Upslope Brewing	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in December 2018. Submitted for reimbursement in May 2019.
Boulder Prep High School	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in March 2019. Completed November 2019.
Captiva Investments II, LLC.	EVSE – L2	1	\$9,000		Stations awarded in March 2019. Installed. Expected submittal for reimbursement July 2020.
City of Boulder	EVSE – L2	4	\$36,000		Stations awarded in March 2019. Expected completion in second quarter 2020.
City of Centennial	EVSE – L2	2	\$18,000	\$18,000	Stations awarded in March 2019. Completed. Submitted for reimbursement November 2019.
City of Louisville	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in March 2019. Completed. Submitted for reimbursement December 2019.



Concentus Partners	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in March 2019. Completed. Submitted for reimbursement April 2020.
Keppel-KBS Westmoor Center	EVSE – L2	2	\$18,000	\$18,000	Stations awarded in March 2019. Completed. Submitted for reimbursement December 2019.
The Nomad Condominium Assoc.	EVSE – L2	1	\$9,000	---	Stations awarded in March 2019. Unable to receive adequate HOA buy-in for the project after final costs were arrived at. Withdrawn.

ALT Fuels Colorado – Corridor-based DC fast-charging stations

- CEO and ChargePoint’s contract for high-speed charging stations at 34 locations across the state continues to make progress, however COVID-19 has impacted the timeline for this program.
- COVID-19 impacts to site hosts include budget concerns and constraints, competing priorities, workforce implications and delays due to closure/social distancing requirements. Additionally, ChargePoint is experiencing supply chain disruptions.
- CEO and ChargePoint are committed to moving forward in this challenging environment with a focus on creativity and urgency. As of June 2020, 13 site host agreements have been signed and are progressing toward design, engineering and construction.
- CEO anticipates the first corridors fast-charging stations to open this summer in Salida and Dinosaur. We also anticipate an additional 15 stations to open by late fall including Pagosa Springs, Fairplay, Vail, Durango, Montrose, Estes Park, Wheat Ridge, Conifer, Greeley, Craig, Granby, Steamboat Springs, Dacono, Rifle and Wellington [[see site locations map here](#)].
- CEO continues to work with ChargePoint and site hosts of 17 additional locations to address COVID-19 impacts through creative solutions and move revised timelines forward.
- CEO anticipates first invoices from ChargePoint to be submitted in August 2020.
- Since ChargePoint has not yet invoiced CEO, the entire \$10,320,000 remains encumbered in the contract. (\$8,543,928 from CMAQ & \$1,776,072 from VW).



ALT Fuels Colorado – EV Plazas Program

- On July 1, 2020, CEO launched the EV Direct Current Fast-Charging Plazas Program. This funding opportunity is designed to increase access to high-speed charging in and around the Denver Metro Area for public users and high-mileage fleets like Transportation Network Companies (TNCs). CEO will consider Plaza locations outside the Denver Metro Area with a strong business case. CEO anticipates that proposed plaza locations will be in and around downtown areas, near high density housing and commercial developments, near transit hubs, and in locations where there is a high density of TNC/fleet EV drivers living. Proposed locations must take into account proximity of existing and planned DCFC locations and the potential for high utilization.
- This opportunity is distinct from Charge Ahead Colorado as it expands requirements associated with planning, design and operation. The result will be more strategic deployment of high-speed charging infrastructure needed by drivers without regular access to home or workplace charging or in need of quick, opportunity-based charging. Awarded applicants will enter into a contract with CEO for the construction term plus five years of continuous plaza operation.
- CEO will administer two application periods for the program: one in the summer of 2020 and one in early 2021. Applications are currently being accepted through September 30, 2020. More information about the program is available on [CEO’s website](#).
- CEO’s budget for this program is \$4,000,000 and we expect to use both CMAQ and VW funding for this project. Once applications are received and reviewed, CEO will work with both CDOT and CDPHE to allocate the appropriate funding streams for the awarded applicants. CEO expects to use approximately \$500,000 from CMAQ and approximately \$3,500,000 from VW for this program.

This information in this report is true and correct and submission is made under penalty of perjury.	
<i>Christine Hoefler</i>	July 30, 2020
Colorado Department of Public Health & Environment Signature Christine Hoefler	Date